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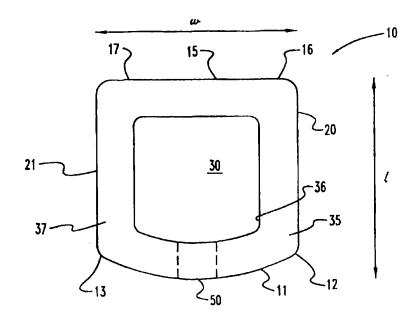
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(54) Title: INTERVERTEBRAL SPACERS



(57) Abstract

One embodiment of a hollow spinal spacer (10) includes a curved anterior wall (11) having opposite ends (12, 13), a posterior wall (15) having opposite ends (16, 17), two lateral walls (20, 21), each integrally connected between the opposite ends (12, 13, 16, 17) of the anterior (11) and posterior (15) walls to define a chamber (30). The walls (11, 15, 20, 21) include a superior face (35) and an inferior face (40). The superior face (35) defines a first opening (36) in communication with the chamber (30) and includes a first vertebral engaging surface (37). The inferior face (40) defines a second opening (41) in communication with the chamber (30) and includes a second vertebral engaging surface (42).

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inter nal Application No PCT/US 96/16086

A. CLASSII IPC 6	FICATION OF SUBJECT MATTER A61F2/44		
According to	o International Patent Classification (IPC) or to both national class	ification and IPC	
B. FIELDS	SEARCHED	· · · · · · · · · · · · · · · · · · ·	
Minimum de IPC 6	ocumentation searched (classification system followed by classifica A61F	ation symbols)	
Documentat	ion searched other than minimum documentation to the extent tha	t such documents are included in the fields se	arched
Electronic d	ata base consulted during the international search (name of data b	ase and, where practical, search terms used)	
C. DOCUN	IENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the	relevant passages	Relevant to claim No.
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A	US 5 397 364 A (KOZAK ET AL) 14 see the whole document		23,36
		-/- -	
X Fu	rther documents are listed in the continuation of box C.	X Patent family members are listed	in annex.
'A' documents 'E' earlie filing 'L' documents 'C' documents 'O' documents	ment defining the general state of the art which is not idered to be of particular relevance or document but published on or after the international g date ment which may throw doubts on priority claim(s) or his cited to establish the publication date of another ion or other special reason (as specified) ment referring to an oral disclosure, use, exhibition or r means ment published prior to the international filing date but	T' later document published after the interpretation or priority date and not in conflict we cited to understand the principle or a invention. 'X' document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the description of particular relevance; the cannot be considered to involve an indement is combined with one or ments, such combination being obvi in the art.	the deptication but theory underlying the e claimed invention it be considered to occument is taken alone to claimed invention inventive step when the more other such docu- ous to a person skilled
later	than the priority date claimed	"A" document member of the same pater Date of mailing of the international s	
	ne actual completion of the international search 16 May 1997		06. 97
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Name and	Buropean Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Smith, C	
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ernational application No.

PCT/US 96/16086

Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This Int	ernational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
ı. 🗌	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2.	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This Inte	ernational Searching Authority found multiple inventions in this international application, as follows:
2. 3.	Claims: 1-22 A hollow spinal spacer containing material to promote bone growth. Claims: 23-42 A hollow spinal spacer having lateral and anterior surfaces corresponding to the shape of a vertebral end plate. Claims: 42-48 A hollow spinal spacer with lateral wings. Claims: 49-57 A hollow spinal spacer with cutting blades.
ı. 🔭	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. 🔲	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark o	The additional search fees were accompanied by the applicant's protest. X No protest accompanied the payment of additional search fees.

information on patent family members

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